

Atty. Docket No.: BC-0234-US04

JUN 22 2004

OFFICIAL

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	Bainbridge et al	)	Examiner: not assigned
		)	
Serial No.:	10/709,196	)	
		)	Art Unit: 3762
Filed:	April 20, 2004	)	
		)	
For:	Extra-corporeal Dual Stage Blood	)	
	Processing Method and Apparatus	)	
	Based on Donor Characteristics	)	
		)	
Customer Number:	24994		

Commissioner of Patents  
Post Office Box 1450  
Alexandria  
Virginia 22313-1450

## INFORMATION DISCLOSURE STATEMENT

Sir,

Pursuant to 37 C.F.R. § 1.56, Applicant brings to the attention of the Examiner the documents listed on the attached PTO 1449. It is believed this Information Disclosure Statement is being filed within three months of the filing date of the above-referenced patent application as well as before the first Office Action on the merits.

This application is a division of U.S. Application No. 09/803,304 filed March 9, 2001, now waiting issuance. The Examiner is referred to the files of this application for documents of record. The attached PTO Form 1449 lists all references cited in the parent application; no new references are included. Also included is a copy of the International Search Report for corresponding application PCT/US01/07706. References cited in the Report were submitted in parent Application 09/803,304 and are included on the attached PTO Form 1449.

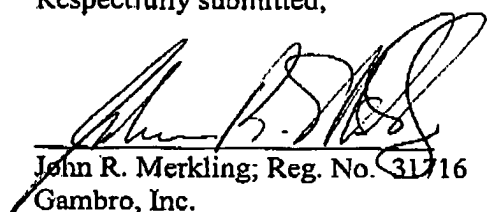
This submission does not represent that a search has been made or that no better information exists and does not constitute an admission that each or all of the listed documents alone or in combination, are considered to be material to patentability as defined under 37 C.F.R. § 1.56(b).

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It is believed no fee is required in connection with the filing of this statement. If this is incorrect, please charge any such fee to deposit account 03-2316.

Respectfully submitted,

22 June 2004  
Dated

  
John R. Merkling; Reg. No. 31716  
Gambro, Inc.  
10810 West Collins Avenue  
Lakewood, Colorado 80215  
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FORM PTO-1449 (Modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. BC-0234-US04	SERIAL NO. 10/709,196
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Bainbridge et al	
(Use several sheets if necessary)		FILING DATE April 20, 2004	GROUP 3782

EXAMINER INITIAL		PATENT NUMBER	ISSUE	PATENTEE	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
		RE 33924	05/12/1992	Valeri			
		3737096	06/05/1973	Jones et al.			
		3946731	03/30/1976	Lichtenstein			
		4010894	03/08/1977	Kellogg et al.			
		4094461	06/13/1978	Kellogg et al.			
		4114802	09/19/1978	Brown			
		4120448	10/17/1978	Cullis			
		4146172	03/27/1979	Cullis et al			
		4185629	01/29/1980	Cullis et al.			
		4187979	02/12/1980	Cullis et al.			
		4216770	08/12/1980	Cullis et al.			
		4223672	09/23/1980	Ternan et al.			
		4263808	04/28/1981	Bellotti et al.			
		4303193	12/01/1981	Latham, Jr.			
		4370983	02/01/1983	Lichtenstein			
		4379452	04/12/1983	DeVries			
		4425112	01/10/1984	ITO			
		4436620	03/13/1984	Bellotti et al.			
		4479760	10/30/1984	Bilstad et al.			
		4479761	10/30/1984	Bilstad et al.			
		4526515	07/02/1985	Devries			
		4626243	12/02/1986	Singh et al.			
		4637813	01/20/1987	Devries			
		4661246	04/28/1987	Ash			
		4680025	07/14/1987	Kruger et al.			
		4708712	11/24/1987	Mulzet			
		4798090	01/17/1989	Heath et al.			

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		4804363	02/14/1989	Valeri			
		4834890	05/30/1989	Brown et al.			
		4851126	07/25/1989	Schoendorfer			
		4897184	01/30/1990	Schouldice et al.			
		4915848	04/10/1990	Carmen et al.			
		4934995	06/19/1990	Cullis			
		4968295	11/16/1990	Neumann			
		4985153	01/15/1991	Kuroda et al.			
		5076911	12/31/1991	Brown et al.			
		5078671	01/07/1992	Dennehey et al.			
		5118428	06/02/1992	Sand et al.			
		5120303	06/09/1992	Hombrouckx			
		5121470	06/09/1992	Trautman			
		5135667	08/04/1992	Schoendorfer			
		5154716	10/13/1992	Bauman et al.			
		5171456	12/15/1992	Hwang et al.			
		5174894	12/29/1992	Oshawa et al.			
		5178603	01/12/1993	Prince			
		5188583	02/23/1993	Guigan			
		5217426	06/08/1993	Bacehowski et al.			
		5267956	12/07/1993	Beuchat			
		5273517	12/28/1993	Barone et al.			
		5316667	05/31/1994	Brown et al.			
		5321800	06/14/1994	Lesser			
		5348533	9/1994	Papillon et al.			
		5360542	11/01/1994	Williamson, IV et al.			
		5362291	11/08/1994	Williamson, IV			

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EXAMINER INITIAL	PATENT NUMBER	ISSUE	PATENTEE	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	5370802	12/06/1994	Brown			
	5387187	02/07/1995	Fell et al.			
	5432054	07/11/1995	Saunders et al.			
	5441636	08/15/1995	Chevallet et al.			
	5445506	08/29/1995	Afferbaugh et al.			
	5472621	12/05/1995	Matkovich et al.			
	5494578	02/27/1996	Brown et al.			
	5496265	03/05/1996	Langley et al.			
	5505685	04/09/1996	Antwiler			
	5523004	06/04/1996	Tanokura et al.			
	5529691	06/25/1996	Brown			
	5581687	12/03/1996	Lyle et al.			
	5605842	2/1997	Langley et al			
	5607679	03/04/1997	Latham, Jr. et al.			
	5614106	03/25/1997	Payrat et al.			
	5628915	05/13/1997	Brown et al.			
	5637082	06/10/1997	Pages et al.			
	5653887	08/05/1997	Wahl et al.			
	5693232	12/2/1997	Brown et al.			
	5704888	1/1998	Hlavinka et al			
	5853382	12/29/1998	Kingsley et al.			
	5865785	02/02/1999	Bischof			
	5941842	8/1999	Steele et al.			
	5951877	9/1999	Langley et al			
	5954971	09/21/1999	Pages et al.			
	6007725	12/28/1999	Brown			
	6080322	06/27/2000	Deniega et al.			

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	6294094	9/2001	Muller et al			

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLISHED DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
						YES	NO
	DE2636290	2/16/1978	Germany			Abstract	
	EP0096217	12/21/1983	Europe				
	EP0165751	12/27/1985	Europe				
	EP0214803	03/18/1987	Europe				
	EP0233112	08/19/1987	Europe				
	EP0284764	10/05/1988	Europe				
	EP0303765	2/1989	EPO			√	
	FR2390173	4/21/1978	France			Abstract	
	GB2176717 A	01/07/1987	Gr. Britain				
	WO 88/01880	3/24/1988	Europe				
	WO 88/05691	08/11/1988	Europe				
	WO 93/12888	07/08/1993	Europe				
	WO 94/11093	5/26/1994	Europe				
	WO 95/03107	02/02/1995	Europe				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	"Red Cell Apheresis: Challenges For Donor And Blood Component Collection Management" 24th Congress International Congress Of Blood Transfusion Haemonetics Luncheon Seminar, Centre For Blood And Cancer Diseases, Berlin, Germany, April 2, 1996.
	Baxter Healthcare Corporation, CS-3000 Plus Parameter Changes, Operator's Manual, prior to 3/9/2000, pp. 1-1 - 1-24, 4-1 - 4-3, 5-1 - 5-2, 8-1 - 8-22, 9-1 - 9-44, 12-12 - 12-36.
	COBE BCT, Inc., COBE SPECTRA Apheresis System, Operator's Manual, 2/1991, pp.xi-xxvii, 1-1 - 1-53, 3A-1, 3A-8, 3A-11, 4A-1, 4A-39, 4B-1 - 4B-42, 9-1 - 9-4

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FORM PTO-1449 (Modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. BC-0234-US04	SERIAL NO. 10708,196
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Bainbridge et al	
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	FRESENIUS AG, Operating Instructions AS 104 Blood Cell Separator, 1990, pp.0-1 - 0-6, 1-3 - 1-6, 1-23, 2-0 - 2-51, 3-1 - 3-14, 4-1 - 4-16, 7-1 - 7-11, 7-13.
	Haemonetics Corporation, <i>Haemonetics Mobile Collection System Owner's Operating and Maintenance Manual</i> , 1991, pp. 1-2 - 7-14.
	Haemonetics Corporation, <i>MCS+ for RBC Apheresis: Two Unit Red Cells protocol</i> , Chapter 6, , prior to 3/9/2000, pp. 6-1 through 6-32.
	Mathes et al. "Improved Red Cell Quality After Erythroplasmapheresis With MCS-3P", <i>Journal Of Clinical Apheresis</i> , 9:183-188, 1994.
	Terumo Medical Corporation, - "Now Make the Direct Connection for Sterile Connection", Advertisement 1995 or earlier.
	Valbonesi et al, "Multicomponent collection (MCS): a new trend in transfusion medicine", <i>The International Journal of Artificial Organs</i> , Vol. 17, No. 2, 1994, , pp. 65-69.
	Valbonesi et al., "Single-Donor Platelet Concentrated Produced Along With Packed Red Blood Cells with the Haemonetics MCS 3: Preliminary Results", <i>Journal of Clinical Apheresis</i> 9:195-199, 1994.

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